

**AC GENERATOR FOR VEHICLE**

Veröffentlichungsnummer JP62236337 (A)

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Anmelder: MITSUBISHI ELECTRIC CORP

Klassifikation:

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H02K9/19; (IPC1-7): H02K5/20; H02K9/19; H02K19/22; H02K19/24

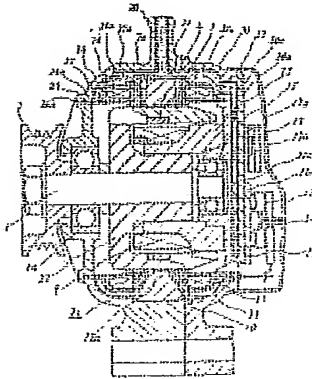
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Anmeldenummer: JP19860078772 19860404

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Zusammenfassung von JP 62236337 (A)

**PURPOSE:**To reduce the size and weight of an AC generator for a vehicle and to eliminate the loss and noise of a fan by cooling means having large effect without air cooling by the fan. **CONSTITUTION:**The end of a stator coil 11 is surrounded by an enclosure 24, a passage 32b is circumferentially formed between the back of the enclosure 24 and the inner walls of front and back brackets 26, 30 to feed coolant, a cooling cover 33 is formed on the outer end of the bracket 30, a branch passage 32c is formed between both, a rectifier 16 and a voltage regulator 17 are mounted on the outer end of the cover 33, coolant is branched at the passage 32c, and waterproof and rustproof coating member is bonded on the passage 32b.; Thus, the noise and windage loss of the air are eliminated, a decrease in an insulation with atmosphere or defects of detrimental gas and salt are prevented, and leakage of coolant and rust of brackets are effectively prevented.



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